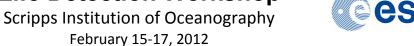


Life Detection Workshop





Workshop Agenda

document retrieval

www.planetaryprotection.nasa.gov/lifedetection2012

document submission

rmogul@csupomona.edu & cassie.conley@nasa.gov (or by flash drive)

Wednesday, Feb. 15, 2012

Time	Activity	Facilitator
2:00-2:30 PM	 Welcome Introductions Workshop Objectives Workshop Structure 	Kminek, Conley
2:30-3:30	Recap of Life Detection Conference Highlights of Lessons Learned Identification of Remaining Questions/Issues	Steele, Voytek
3:30-4:00	Piñata Protocol Returned Sample Handling Life Detection Protocol Criteria for release?	Conley
4:00-4:30	Break (catered)	All
4:30-6:00	 Tour de Table 'Lightning' Talks Talk = 1 slide, 2-3 minutes 	All
6:00-7:00	Vino y Queso (catered)	All

Thursday, Feb. 16, 2012

Time*	Activity*	Facilitator
8:00-8:30 AM	Coffee and Wake up Time (catered)	All
8:30-9:00	 Workshop Goals Key Points & Issues Identify Chairs and Co-Chairs & Organize Groups 	Conley, Kminek
9:00-10:30	 1st Breakout Session (3 groups) How would you detect signs of life in samples from an environment, assuming no prior knowledge of local life? Each group will have biology expertise in these areas: Deep Ocean/Subsurface Glacier/Permafrost Hyperarid/Hypersaline 	Breakout Chairs
10:30-11:00	Break (catered)	All
11:00-11:15	Report on Breakout Session • 5 minutes per group	Breakout Chairs
11:15 AM- 12:00 PM	Discussion of 1st Breakout Session Identify issues, concerns, & possible solutions.	Steele, Voytek
12:00-1:00	Lunch (catered)	All
1:00-1:15	Framework of Report Output	Conley, Kminek, Mogul
1:15-1:30	Introduction to 2 nd Breakout Session	Conley, Kminek
1:30-3:00	 2nd Breakout Session (2 groups) Design a life-detection protocol: Test two 'null' hypotheses: 1) The samples contain no life. The samples contain Mars life. Best use of samples (progression from non-destructive to destructive testing). Macro-scale measurements:	Breakout Chairs
3:00-3:30	Break (catered)	All
3:30-4:00	2 nd Breakout Session Continued	Breakout Chairs
4:00-4:30	Report on Breakout Session 10 minutes per group	Breakout Chairs
4:30-5:30	Discussion of 2 nd Breakout Session • What have we learned today?	Steele, Voytek
7:00-9:00	Group Dinner (restaurant)	All

Friday, Feb. 17, 2012

Time*	Activity*	Facilitator
8:30-9:00 AM	Coffee and Wake up Time (catered)	All
9:00-9:15	Summary and Objectives	Conley, Kminek
9:15-9:30	Risk Analysis and Decision Theory	Parnell
9:30-10:30	 Return to 1st Breakout Session (3 groups) What's missing? Top three developments nobody else will do? Future directions? 	Breakout Chairs
10:30-11:00	Break (catered)	All
11:00 AM- 12:00 PM	Report and Discussion Protocol/s for samples from Mars Next steps?	Steele, Voytek
12:00-1:00	Lunch (catered)	All
1:00-end	 Synthesis of Conclusions/Writing Assignments Current status? What needs to be done? Volunteers for individual assignments 	Conley, Kminek, Mogul